

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119385.D
 Acq On : 12 Mar 2020 17:36
 Operator : CG/JU
 Sample : PB127488BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:46:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

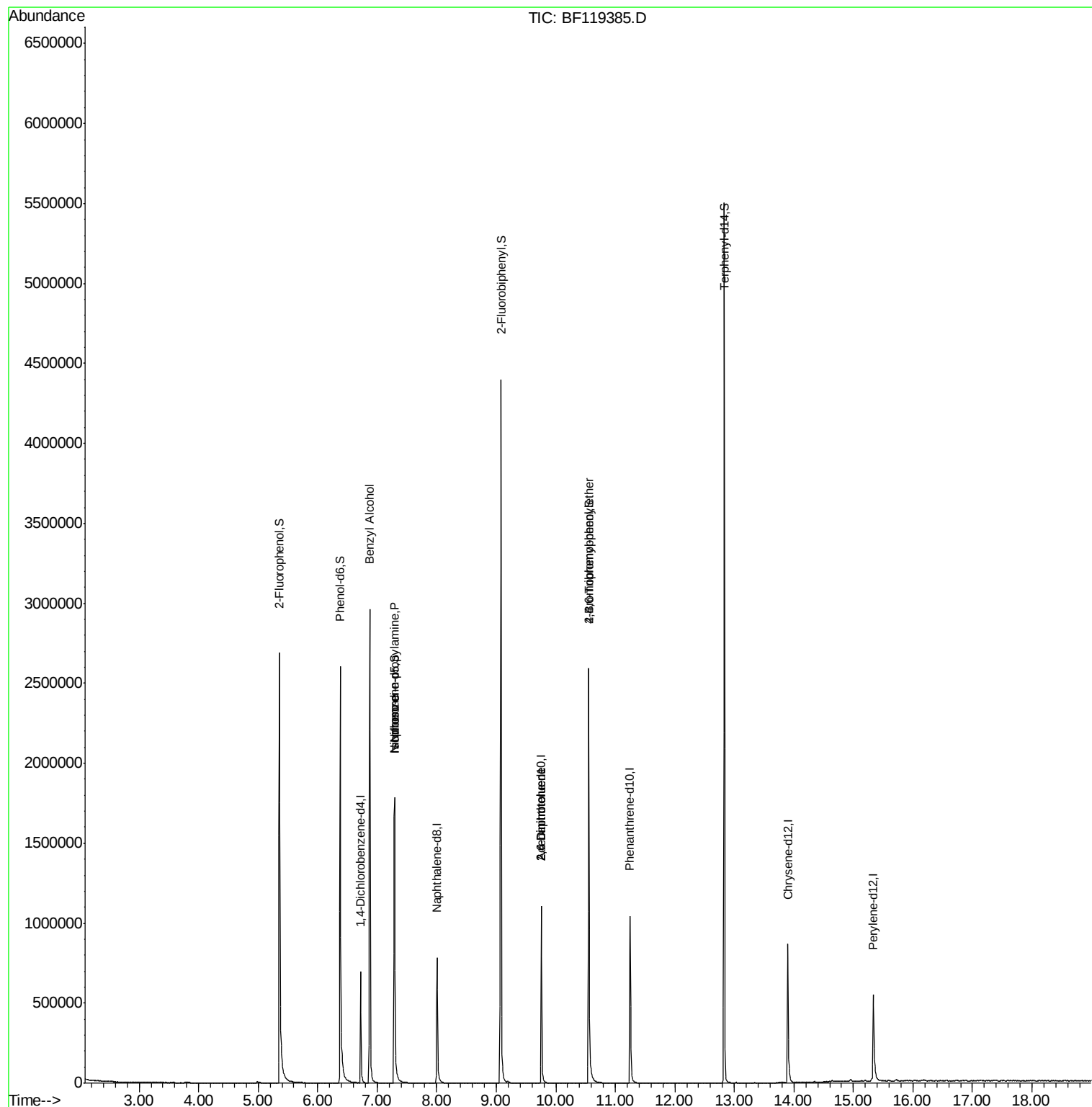
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	120005	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	472082	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	264229	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	521206	20.00	ng	0.00
76) Chrysene-d12	13.90	240	401460	20.00	ng	0.01
87) Perylene-d12	15.33	264	353310	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	988109	137.60	ng	0.00
7) Phenol-d6	6.38	99	1191208	136.40	ng	0.00
23) Nitrobenzene-d5	7.29	82	786992	88.02	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	436231	126.20	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1564338	87.22	ng	0.00
79) Terphenyl-d14	12.83	244	2043216	87.62	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.87	79	14434	2.287	ng	# 55
19) n-Nitroso-di-n-propylamine	7.29	70	109039	21.427	ng	# 74
25) Isophorone	7.29	82	786992	50.683	ng	# 63
51) 2,6-Dinitrotoluene	9.76	165	33508	7.464	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	33508	5.759	ng	# 20
67) 4-Bromophenyl-phenylether	10.56	248	28515	4.185	ng	# 1

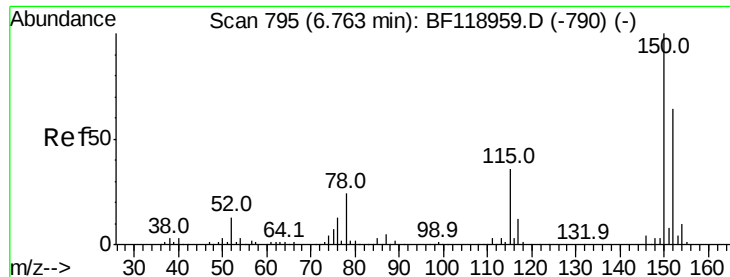
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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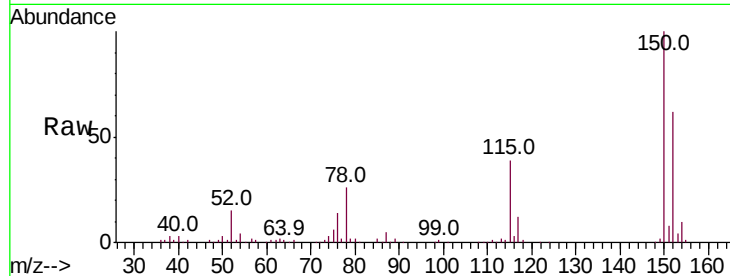


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119385.D
Acq: 12 Mar 2020 17:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	123.0	184.6
115	62.8	49.5	74.3

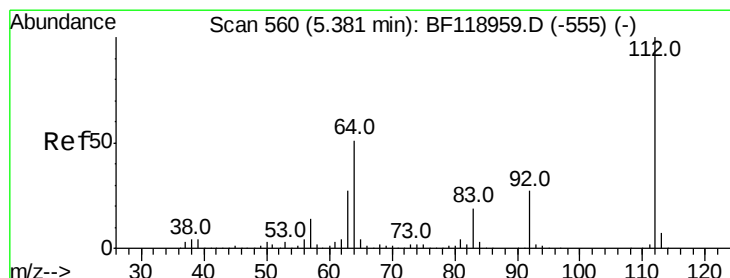
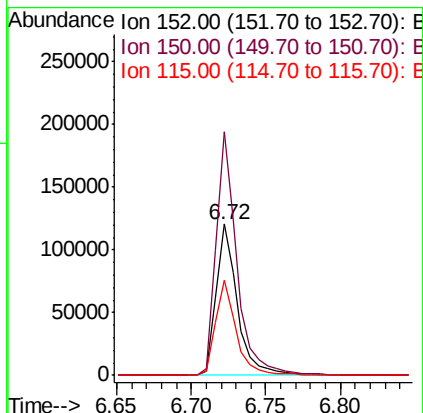
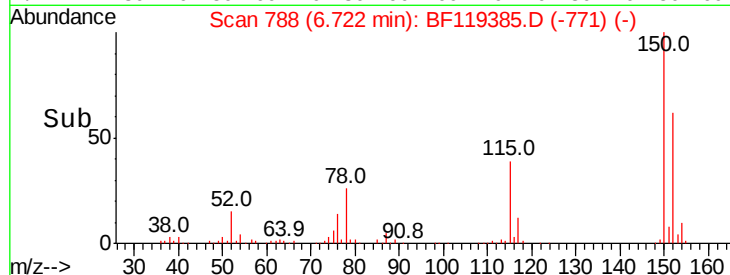


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

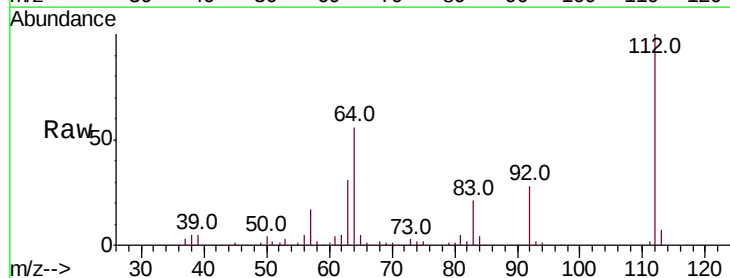
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 137.603 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF119385.D
Acq: 12 Mar 2020 17:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	45.0	67.4
63	30.6	24.2	36.4

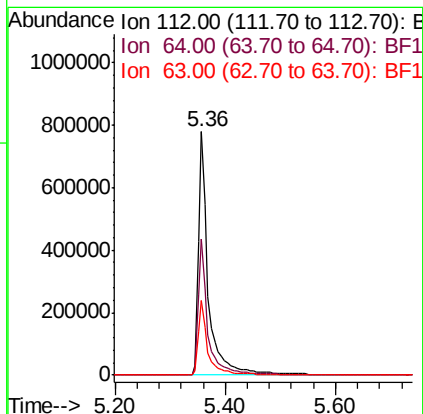
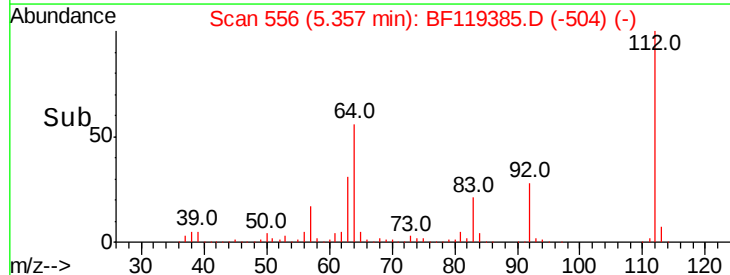


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 136.399 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119385.D

Acq: 12 Mar 2020 17:36

Instrument :

BNA_F

ClientSampleId :

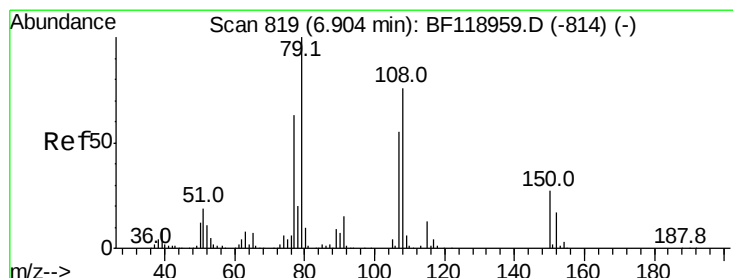
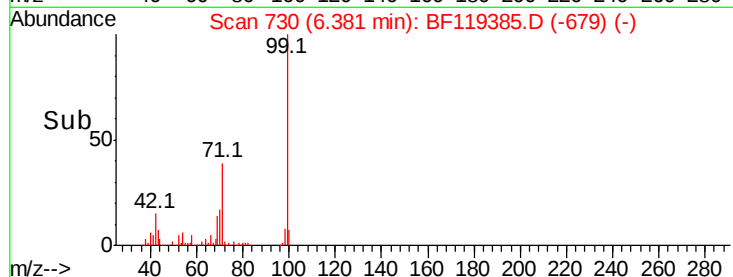
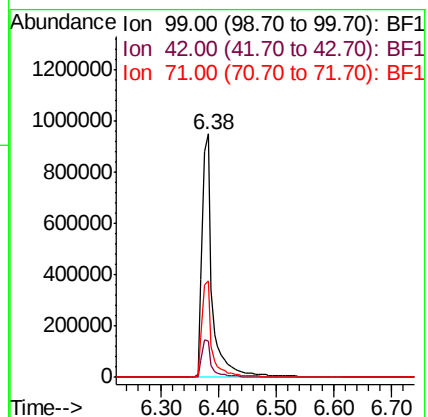
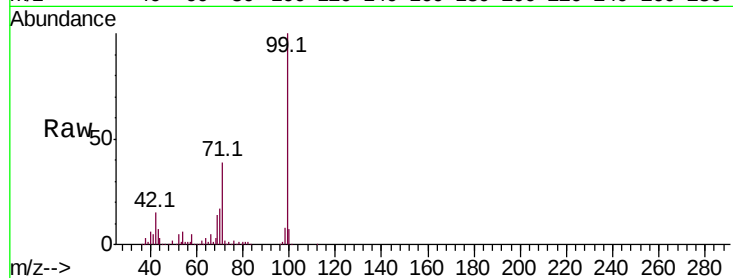
Tot Ion: 99 Resp: 1191208

Ion Ratio Lower Upper

99 100

42 14.9 12.6 18.8

71 39.4 31.0 46.4



#15

Benzyl Alcohol

Concen: 2.287 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF119385.D

Acq: 12 Mar 2020 17:36

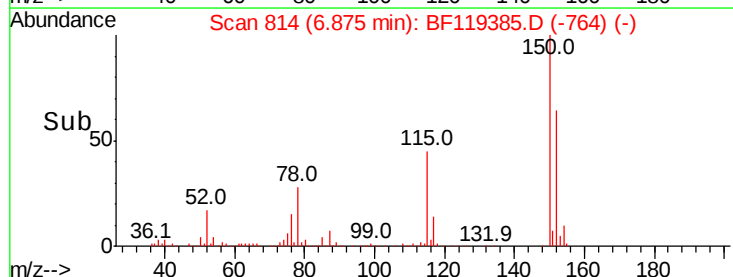
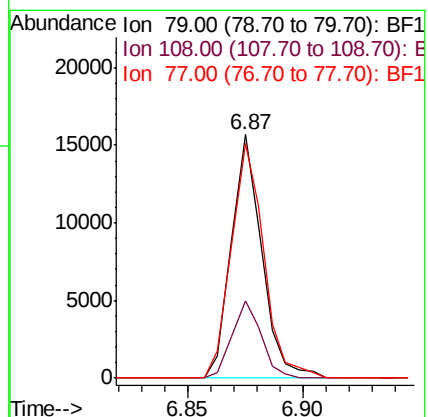
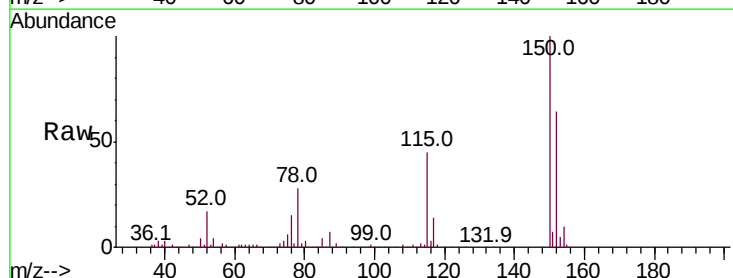
Tgt Ion: 79 Resp: 14434

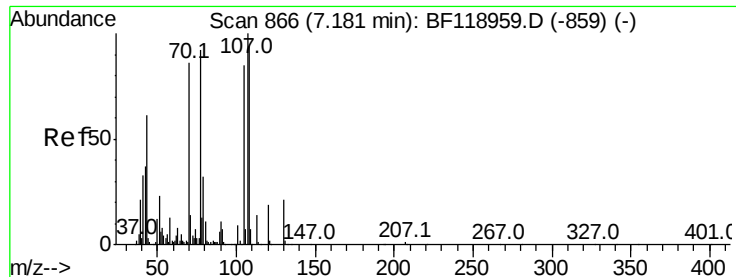
Ion Ratio Lower Upper

79 100

108 31.9 58.2 87.2#

77 96.2 51.2 76.8#





#19

n-Nitroso-di-n-propylamine

Concen: 21.427 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.15 min

Lab File: BF119385.D

Acq: 12 Mar 2020 17:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 109039

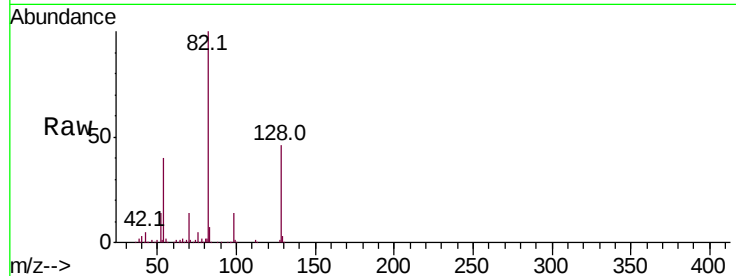
Ion Ratio Lower Upper

70 100

42 35.7 38.0 57.0#

101 0.0 8.2 12.4#

130 2.2 18.2 27.4#

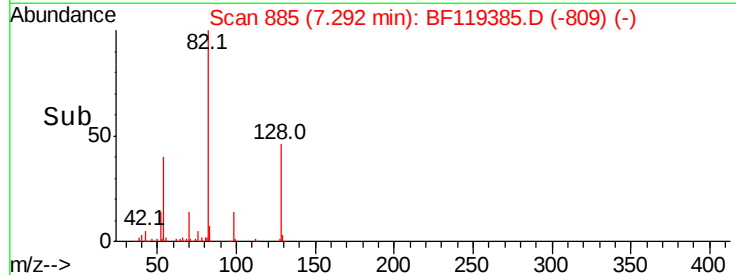
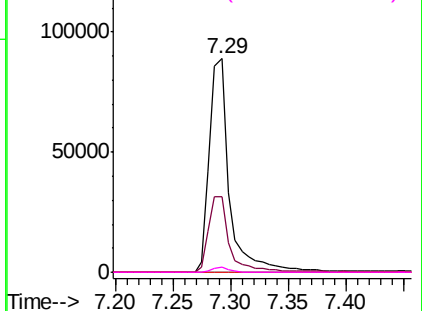


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119385.D

Acq: 12 Mar 2020 17:36

Tgt Ion: 136 Resp: 472082

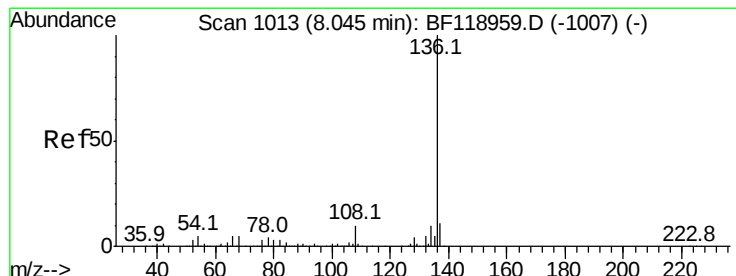
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 5.1 3.8 5.6

68 5.3 3.9 5.9

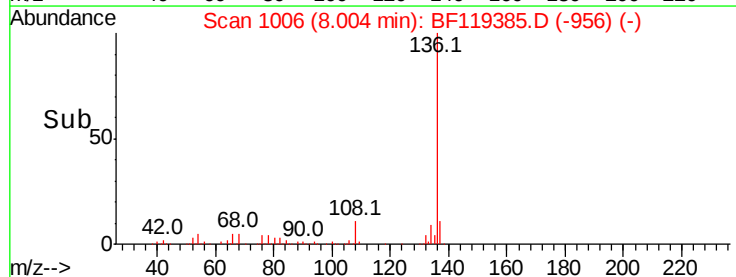
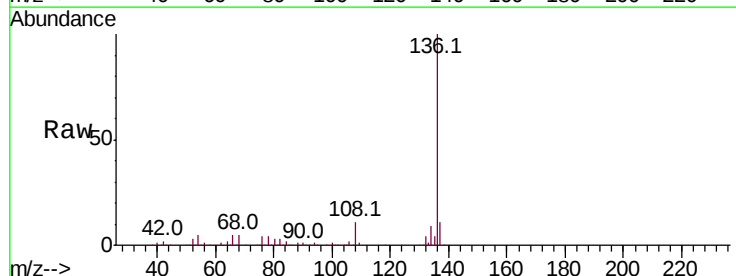
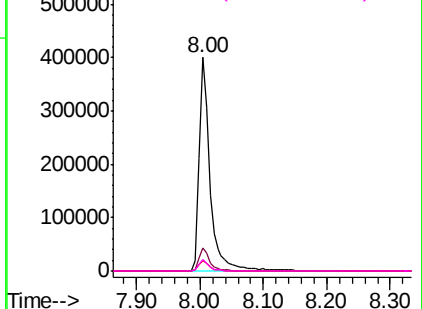


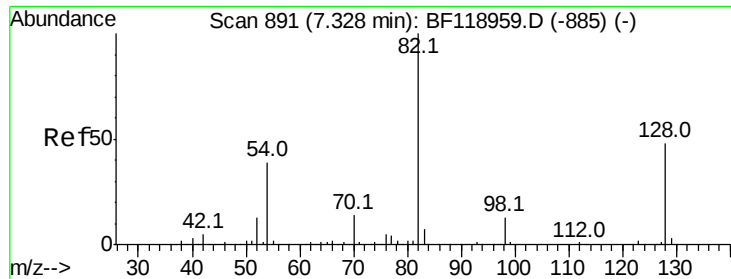
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

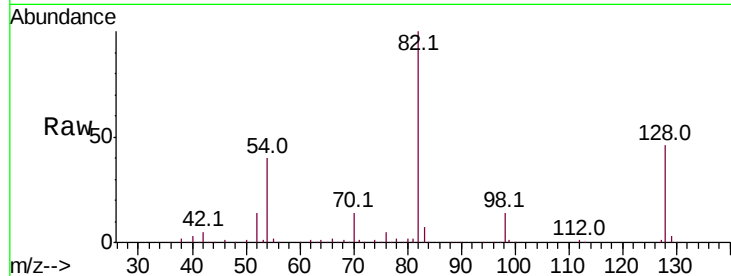




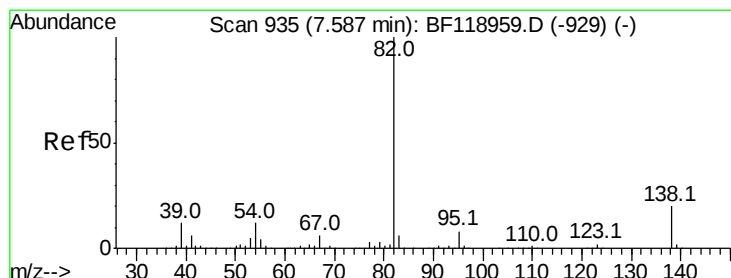
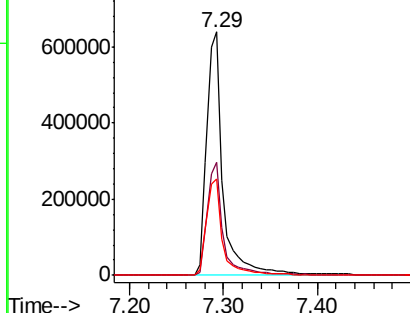
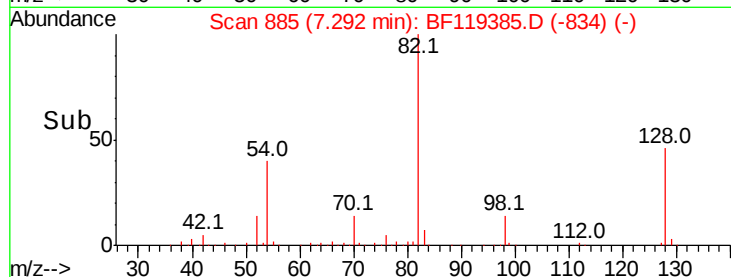
#23
 Nitrobenzene-d5
 Concen: 88.021 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF119385.D
 Acq: 12 Mar 2020 17:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 786992
 Ion Ratio Lower Upper
 82 100
 128 46.2 37.9 56.9
 54 39.7 33.4 50.2

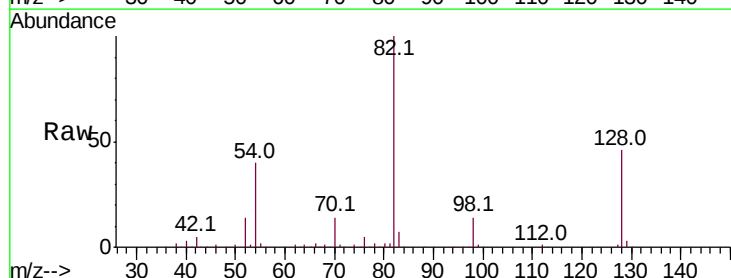


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

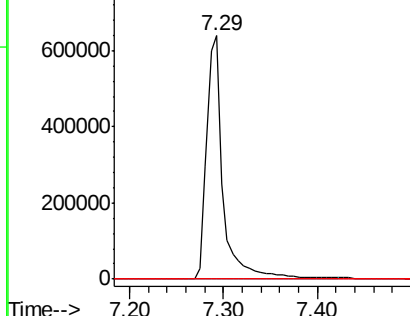
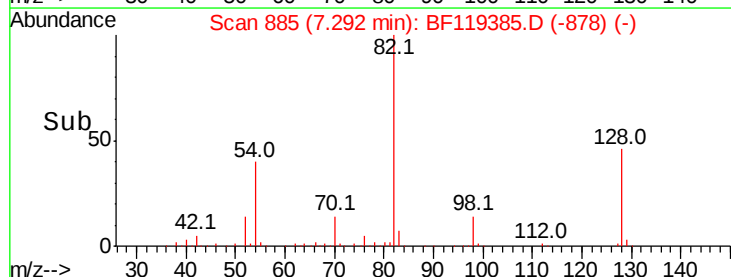


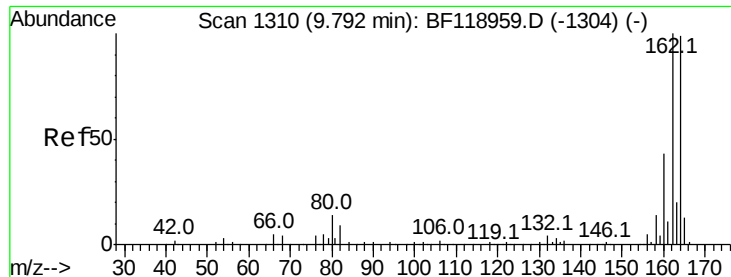
#25
 Isophorone
 Concen: 50.683 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.26 min
 Lab File: BF119385.D
 Acq: 12 Mar 2020 17:36

Tgt Ion: 82 Resp: 786992
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.4 9.6#
 138 0.0 15.7 23.5#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119385.D

Acq: 12 Mar 2020 17:36

Instrument :

BNA_F

ClientSampleId :

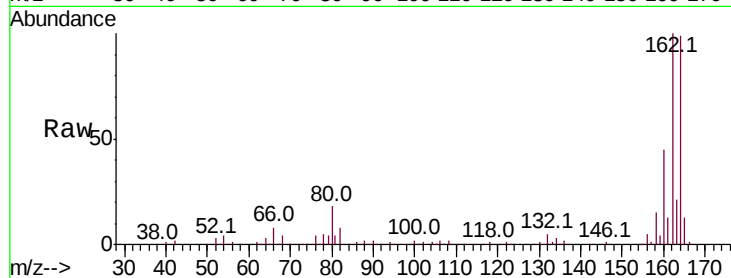
Tot Ion:164 Resp: 264229

Ion Ratio Lower Upper

164 100

162 101.1 81.8 122.8

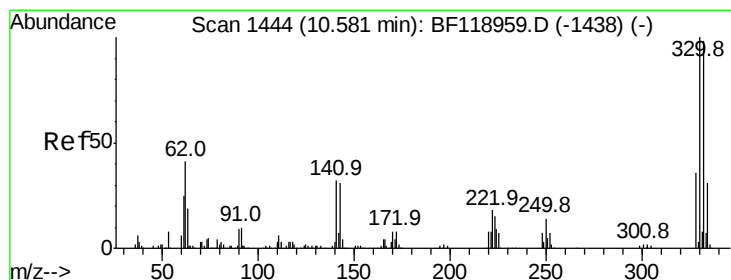
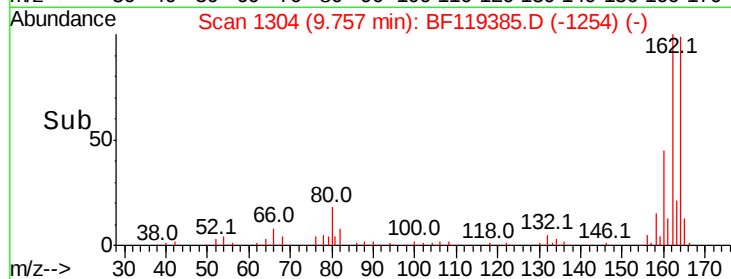
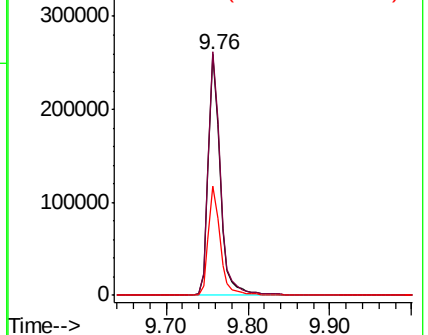
160 45.1 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 126.204 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF119385.D

Acq: 12 Mar 2020 17:36

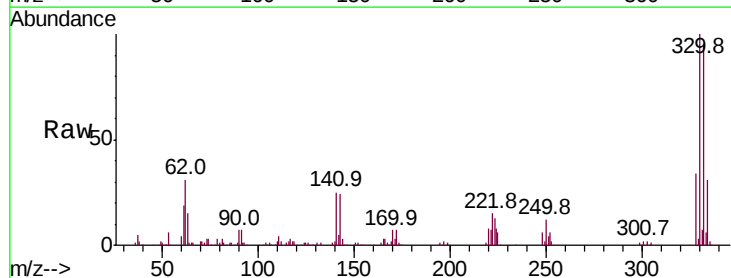
Tgt Ion:330 Resp: 436231

Ion Ratio Lower Upper

330 100

332 95.4 76.0 114.0

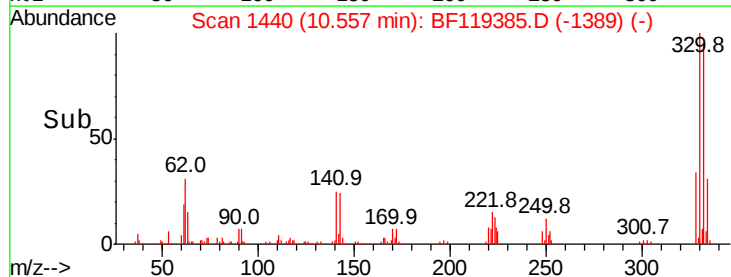
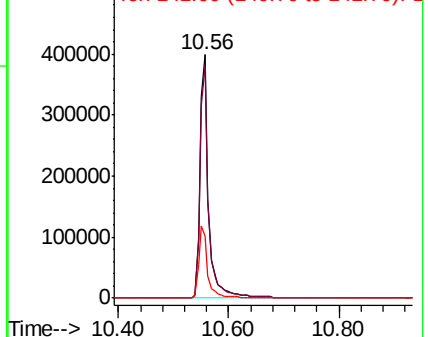
141 30.7 22.9 34.3

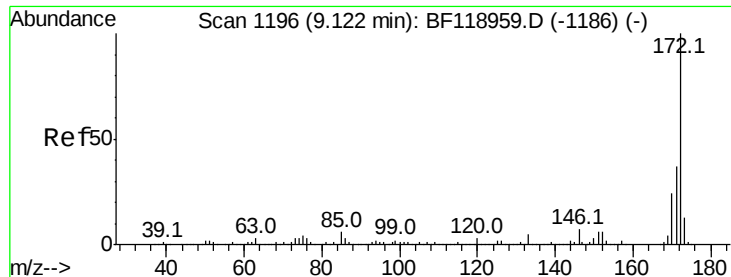


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

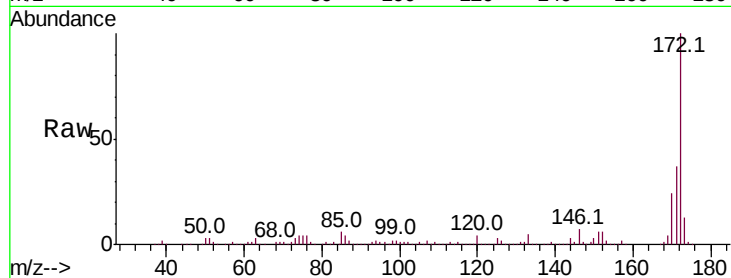




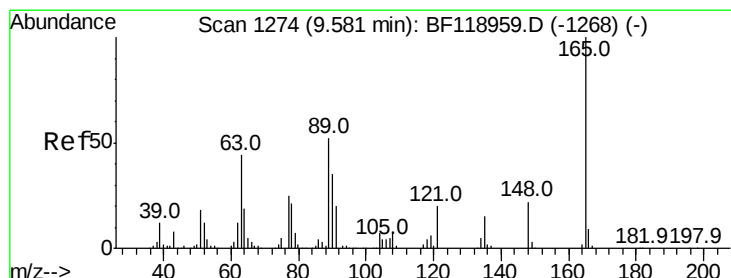
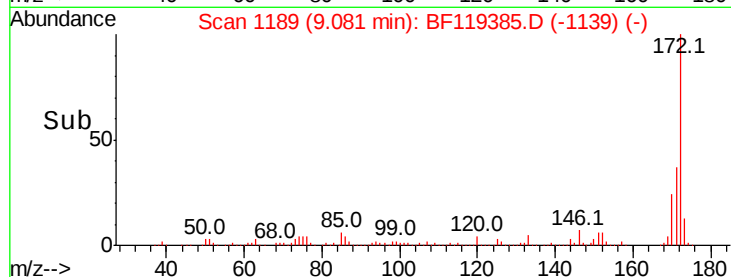
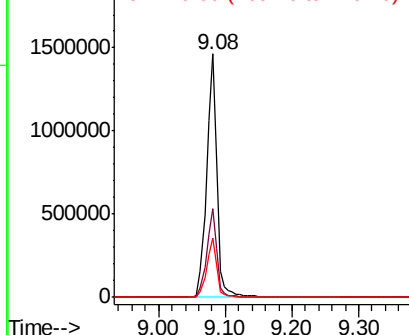
#45
2-Fluorobiphenyl
Concen: 87.218 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119385.D
Acq: 12 Mar 2020 17:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1564338
Ion Ratio Lower Upper
172 100
171 36.6 30.6 45.8
170 24.3 20.2 30.2

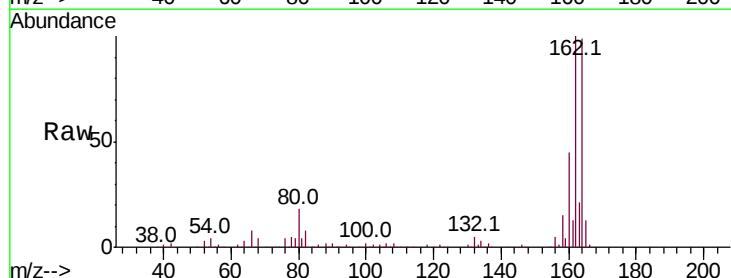


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

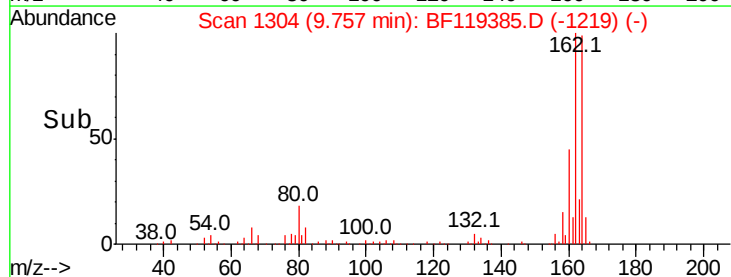
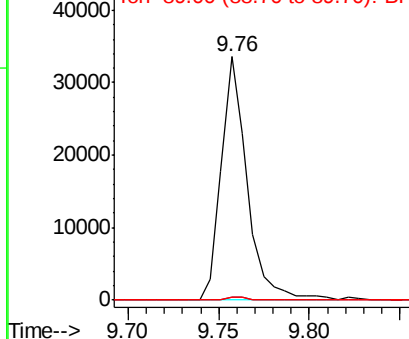


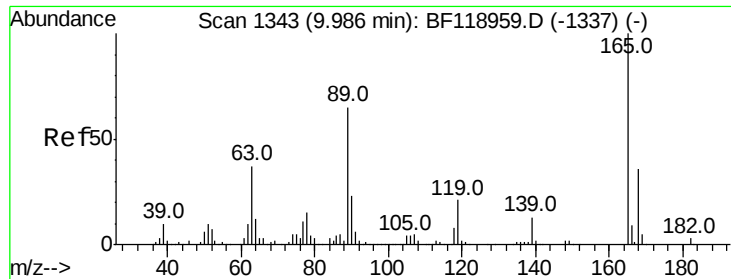
#51
2,6-Dinitrotoluene
Concen: 7.464 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.20 min
Lab File: BF119385.D
Acq: 12 Mar 2020 17:36

Tgt Ion:165 Resp: 33508
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.1 38.3 57.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

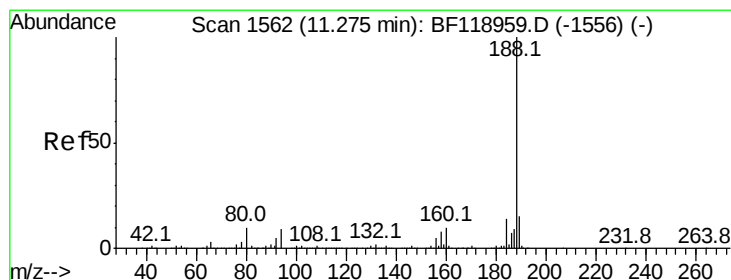
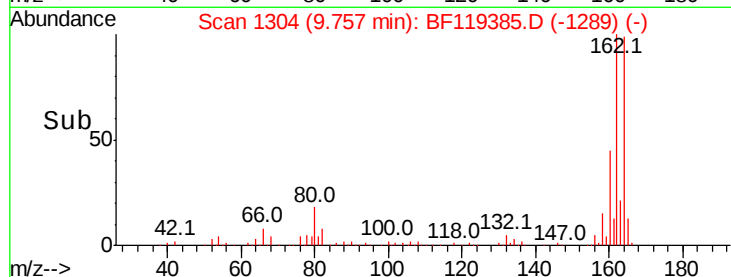
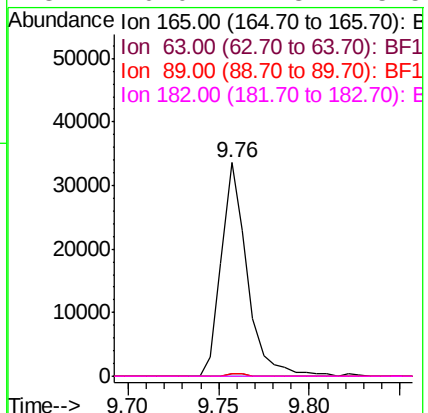
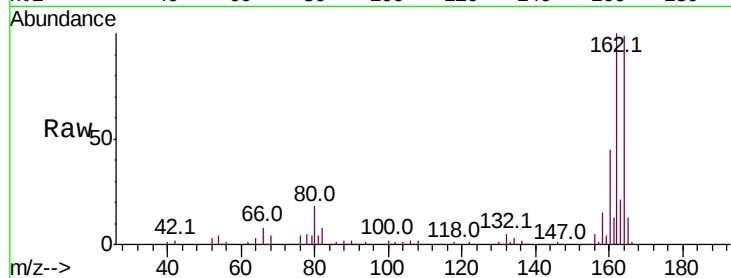




#57
2,4-Dinitrotoluene
Concen: 5.759 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.21 min
Lab File: BF119385.D
Acq: 12 Mar 2020 17:36

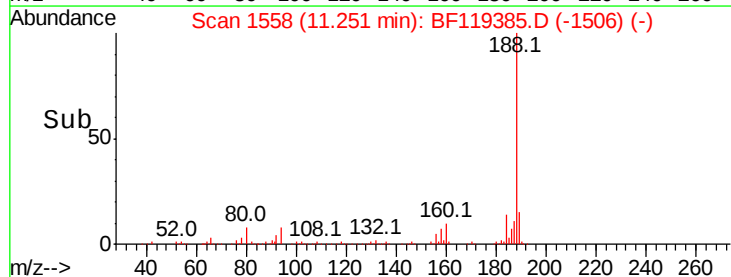
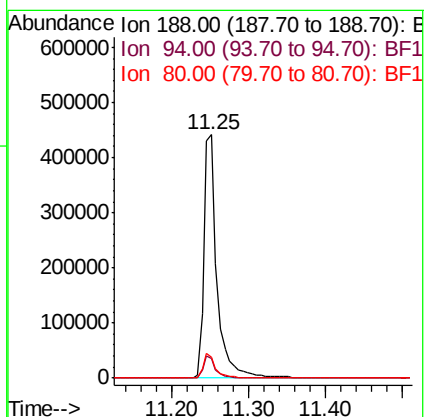
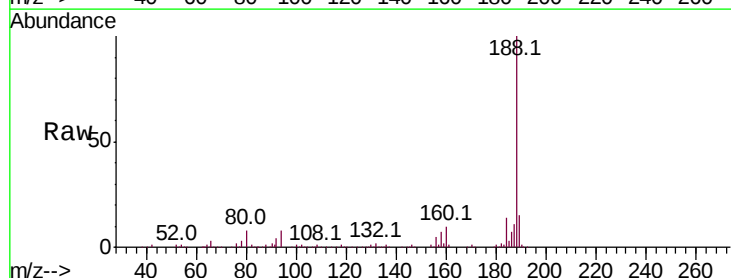
Instrument :
BNA_F
ClientSampled :

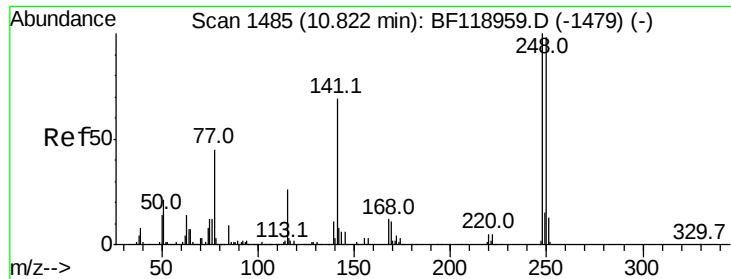
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.3	63.5#
89	1.1	60.2	90.4#
182	0.0	2.3	3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF119385.D
Acq: 12 Mar 2020 17:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.1	10.7
80	8.5	7.8	11.8

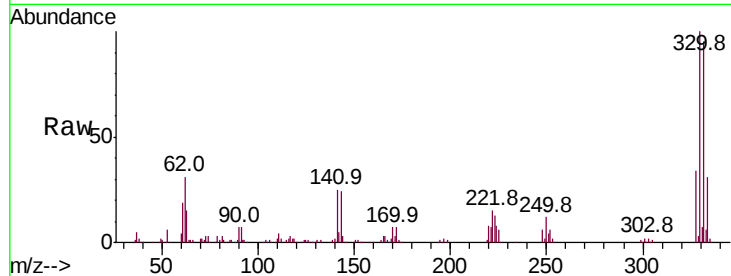




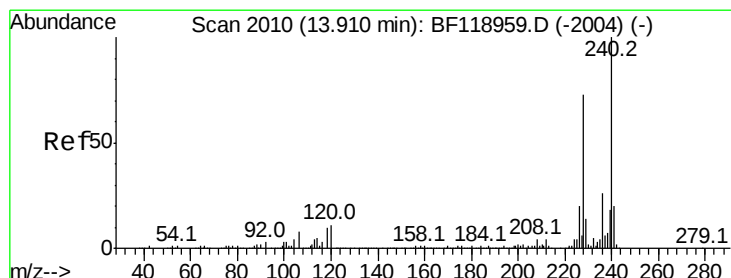
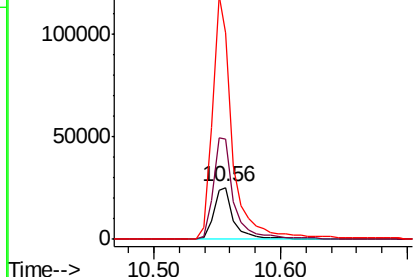
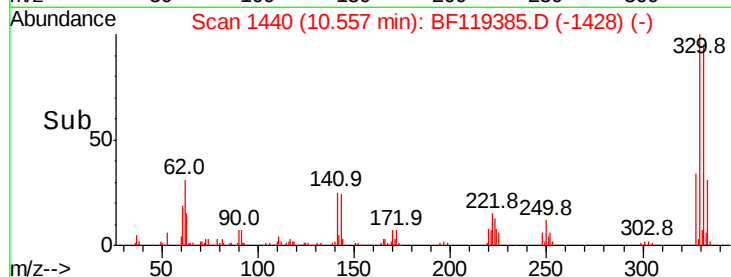
#67
4-Bromophenyl-phenylether
Concen: 4.185 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.23 min
Lab File: BF119385.D
Acq: 12 Mar 2020 17:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 28515
Ion Ratio Lower Upper
248 100
250 191.9 76.7 115.1#
141 395.1 60.7 91.1#

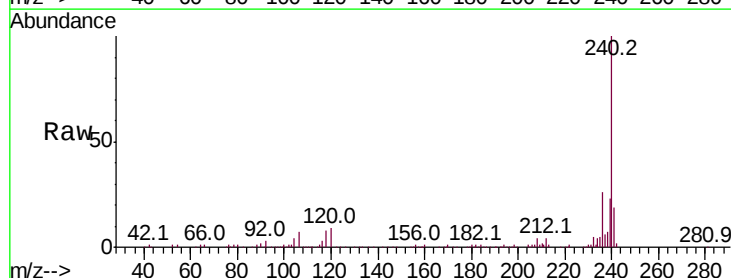


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

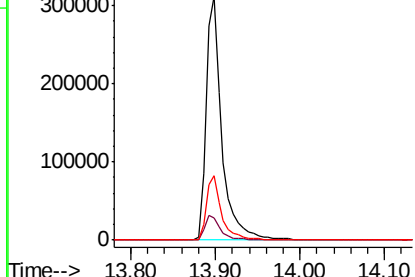
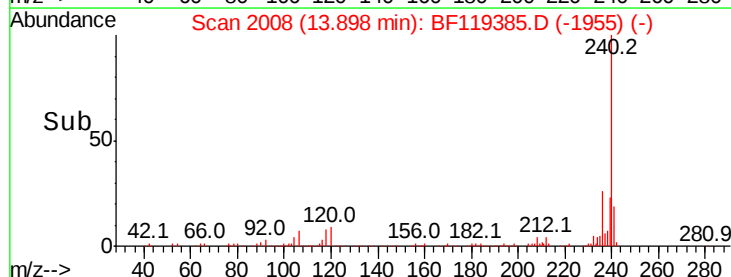


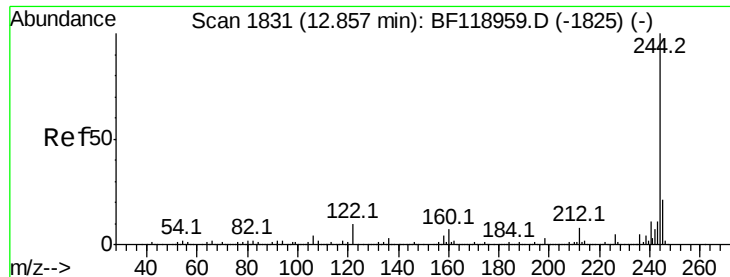
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF119385.D
Acq: 12 Mar 2020 17:36

Tgt Ion:240 Resp: 401460
Ion Ratio Lower Upper
240 100
120 9.3 8.4 12.6
236 26.2 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.624 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF119385.D

Acq: 12 Mar 2020 17:36

Instrument :

BNA_F

ClientSampleId :

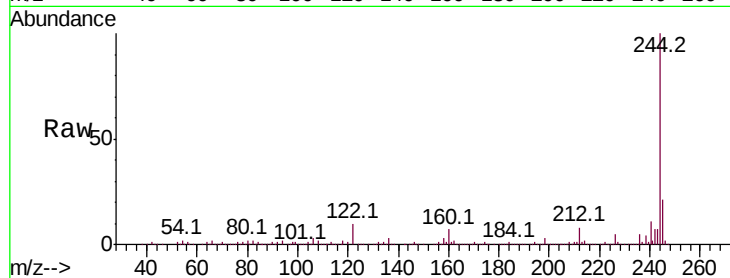
Tot Ion:244 Resp: 2043216

Ion Ratio Lower Upper

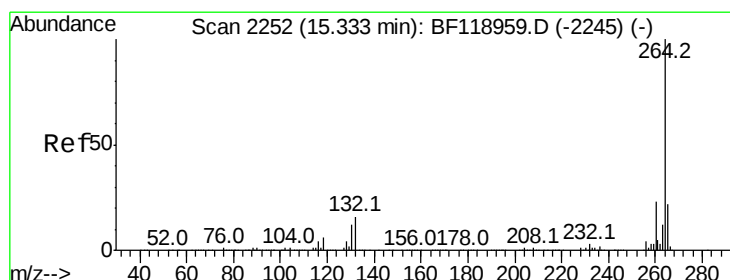
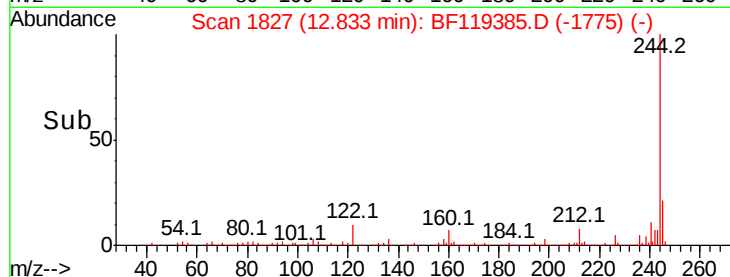
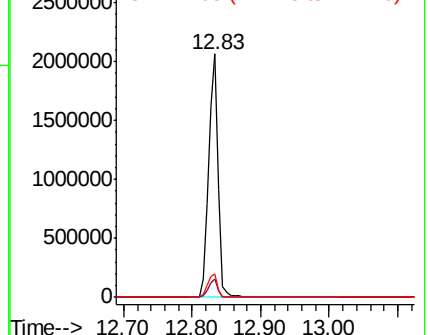
244 100

212 7.7 6.6 10.0

122 9.6 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. 0.02 min

Lab File: BF119385.D

Acq: 12 Mar 2020 17:36

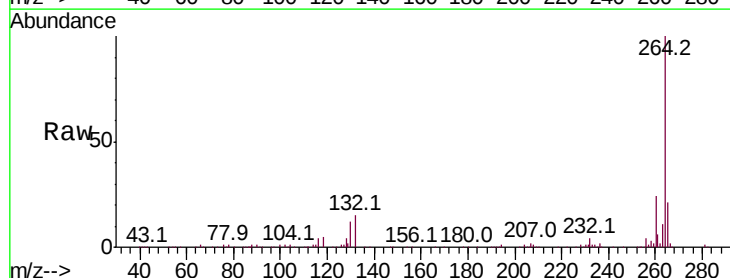
Tgt Ion:264 Resp: 353310

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 21.4 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

